

OPTICAL CAP FOR SEMICONDUCTOR DEVICE

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ABSTRACT OF THE DISCLOSURE

10 An optical cap for semiconductor device, the cap
comprising: a metal cap body having an opening and a
transparent optical window sealed with the metal cap body
to cover the opening by means of a sealing member. The
sealing member includes a bismuth low-melting point glass
containing no lead, an intermediate metal layer attached
to the metal cap body, the intermediate metal layer being
15 a metal capable of causing a eutectic reaction with
respect to Bi contained in the low-melting point glass,
and an eutectic alloy layer thus formed between the low-
melting point glass and the intermediate metal layer.